

Stellenausschreibung – Job posting

An der Fakultät für Informatik der Technischen Universität Wien gelangt nachstehende Stelle zur Besetzung:

Die TU Wien strebt eine Erhöhung des Frauenanteils insbesondere in Leitungsfunktionen an und fordert daher qualifizierte Frauen ausdrücklich zur Bewerbung auf. Bei gleicher Qualifikation werden Frauen vorrangig aufgenommen, sofern nicht in der Person eines gleich qualifizierten Mitbewerbers liegende Gründe überwiegen. Wir sind bemüht, Menschen mit Behinderung mit entsprechender Qualifikation einzustellen und fordern daher ausdrücklich zur Bewerbung auf. Bei Rückfragen wenden Sie sich bitte an die Behindertenvertrauensperson der TU Wien, Herrn Gerhard Neustätter.

At the **Institute of Logic and Computation**, in the **Research Unit of Databases and Artificial Intelligence** (192-02), TU Wien is offering a position as University Assistant (Praedoc) limited to expected 4 years for 30 hours/week. Based on qualifications and mutual agreement, an extension to a full-time position (40 hours/week) from third-party funds of the Institute is possible. Expected start: May 2025.

The research work will be concerned with using knowledge graphs and graph technologies to bring meaning to large amounts of heterogeneous data, enable novel perspectives of analysis, and make data and results accessible. Of particular interest are scalable support of knowledge graph evolution, provenance, graph data quality, data integration, exploration and analytics, and the combination with LLMs.

Tasks:

- Research, project, and publication activities within the fields of databases, data and knowledge engineering
- Solving scientific problems with the motivation for independent and goal-oriented research
- Writing a dissertation and scientific publications
- Participating in teaching activities
- Participation in scientific events

Your profile:

- An excellent master or diploma in Computer Science (or closely related field)
- Strong programming skills and experience with developing research prototypes
- In-depth knowledge and experiences within the following areas are highly appreciated: graph data management, data integration (data lakes, fabrics), semantic technologies, provenance, shapes constraint languages, machine learning, LLMs, and dynamic/temporal knowledge graphs
- Ability to develop methods, concepts, as well as their implementation and evaluation
- Willingness to contribute in interdisciplinary projects
- Organizational and analytical skills as well as a structured way of working
- Ability to work in a team, problem-solving skills, and creative thinking
- Excellent spoken and written communication skills in English. Knowledge of German (level B2) or willingness to learn it in the first year

We offer:

- A wide variety and exciting range of tasks in a collegial team with flexible working hours
- Central location of workplace with a very good accessibility (U1/U4 Karlsplatz)
- A creative environment in one of the most liveable cities in the world
- German courses if needed
- A highly competitive salary and a range of attractive social benefits (see Fringe-Benefit Catalogue of TU Wien)
- Excellent research environment in an internationally visible team
- A wide range of internal and external training opportunities, various career options



Informatics

Entry level salary is determined by the pay grade B1 of the Austrian collective agreement for university staff. This is a minimum of currently EUR 2,684.10/month gross, 14 times/year for 30 hours/week. Relevant working experiences may increase the monthly income.

For questions regarding the content please contact Prof. Katja Hose, katja.hose@tuwien.ac.at.

We look forward to receiving your application until April 3, 2025 on our job platform: <https://jobs.tuwien.ac.at/Job/244015>